

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

FSL-1

Product overview

Name	FSL-1
Cat No	HB3898
Description	Toll-like receptor 2 (TLR2) and TLR6 agonist

Biological Data

Biological description	Toll-like receptor (TLR) 2 / 6 agonist. Synthetic lipoprotein that represents the N-terminal part of the 44kDa lipoprotein LP44 of Mycoplasma salivarium. Inducer of TNF-alpha production in macrophages. Upregulates proinflammatory cytokines. Activator of the proinflammatory transcription factor NF-kappaB.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	1666.2
Chemical structure	
Molecular Formula	C ₈₄ H ₁₄₀ N ₁₄ O ₁₈ S
CAS Number	322455-70-9
PubChem identifier	87858248
SMILES	CCCCCCCCCCCCCCCC(=O)OCC(CSC[C@@H](C(=O)NCC(=O)N[C@@H](CC(=O)O)C(=O)N1C CC[C@H]1C(=O)N[C@@H](CCCCN)C(=O)N[C@@H](CC2=CN=CN2)C(=O)N3CCC[C@H]3C(=O) N[C@@H](CCCCN)C(=O)N[C@@H](CO)C(=O)N[C@@H](CC4=CC=CC=C4)C(=O)O)N)OC(=O)C CCCCCCCCCCCCCC
InChiKey	VJJLLNHELGKSNA-YWKNMTRCSA-N
Appearance	Colorless powder